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PHOTOGRAPHIC INTERPRETATION REPORT

NPIC/R-6/63
February 1963

MISSION COVERAGE INDEX

MISSION 3201

5 DECEMBER 1962

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WER	<i>[Signature]</i>
KDO	<i>[Signature]</i>
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KB	<i>2213</i>
SHI	
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ARMY



NAVY



AIR FORCE



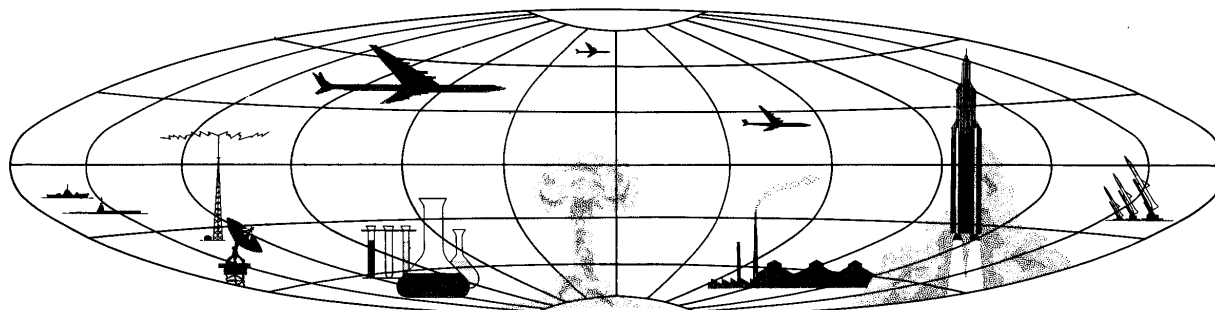
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5201

Copy No 1
PAR 793/62
10 December 1962

THIS IS A SITUATION SUMMARY OF DEVELOPMENTS
ALONG THE SINO-INDIAN BORDER AS OF 5 DEC 62. THE FOLLOWING INFOR-
MATION IS A COLLATION FROM A NUMBER OF HIGHLY RELIABLE SOURCES.

EDD _____
WER _____
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RDO 4
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A. MILITARY INSTALLATIONS -CHINA

1. CHANG CHENMO RIVER MILITARY AREA 3425N/7844E. NO REPORT.
2. CHIU GOMPA BARRACKS AREA 3046N/8121E. NO REPORT.
3. GAR DZONG ARMY BARRACKS 3212N/7958E. NO REPORT.
4. GIRANG DZONG ARMY BARRACK 2828N/8516E. NO REPORT.
5. JONGKHA DZONG ARMY BARRACKS 2900N/8515E. NO REPORT.
6. MILITARY SUPPLY DEPOT 3002N/8323E. FORMER VILLAGE. CONTAINS TWO LARGE WAREHOUSES, ELEVEN TENTS, THREE REVETED STORAGE AREAS, SEVERAL LONG PERSONNEL TRENCHES AND MISCELLANEOUS SUPPORT BLDGS AND DWELLINGS. TRACK ACTIVITY INTO DEPOT FROM SAKYA GOMPA/GARTOK ROAD THREE MILES TO NORTH.
7. QUZIL JILGA TROOP CONCENTRATION 3516N/7848E. NO TROOPS OR ACTIVITY OBSERVED. INCOMPLETE INFO.
8. RODOG ARMY CAMP 3327N/7942E. NO REPORT.
9. SHANDONG TROOP CONCENTRATION 3325N/7912E. NO REPORT.
10. TAKLAKHAR ARMY BARRACKS 3015N/8110E. NO REPORT.
11. TRADUM SUPPLY DEPOT 2938N/8411E. NO REPORT.

B. TRANSPORTATION

1. GARTOK TO BARA HOTI ROAD. NATURAL SURFACED. SERVICEABLE. NO VEHICLES, MILITARY FORCES, SUPPLIES, OR OTHER ACTIVITY NOTED. OBSERVED FROM APPROX 3130N/8025E TO 3135N/8020E. INCOMPLETE INFO.
2. NEW ROAD 3555N/7915E TO 3530N/7808E. PREVIOUSLY UNOBSERVED. ROAD EXTENDS WSW FROM CHINA/JAMMU-KASHMIR BORDER. NATURAL SURFACED. SERVICEABLE. HEAVY VEHICLE TRACK ACTIVITY NOTED AT SUMANAL CAMPING GROUND - 3546N/7837E. NO MILITARY FORCES, SUPPLIES OR OTHER ACTIVITY NOTED. INCOMPLETE INFO.
3. NEW ROAD 3546N/7837E TO 3512N/7938E. PREVIOUSLY UNOBSERVED ROAD, NATURAL SURFACED. SERVICEABLE. EXTENDS WNW FROM RUDOG/VARKAND ROAD

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JCT (3512N/7938E). PROB INTERSECTS OTHER PREVIOUSLY UNOBSERVED RD NEAR SUMANAL CAMPING GROUND. NO MILITARY FORCES, SUPPLIES OR OTHER ACTIVITY NOTED. INCOMPLETE INFO.

4. RUDOG TO CTUSHUL ROAD 3332N/7940E TO 3337N/7840E. NO REPORT.

5. RUDOG TO VARKAND ROAD 3332N/7940E TO 3825N/7710E. DIRT SURFACED. SERVICEABLE. SEVERAL AREAS PROBABLY UNDERGOING MINOR REPAIRS. THREE VEHICLES MOVING EAST AT APPROX 3625N/7730E. THREE TRUCKS MOVING EAST AT APPROX 3525N/7936E. COMMUNICATION POINT AT APPROX 3519N/7931E CONSISTING OF ONE ANTENNA, NINE TENTS, OPEN STORAGE AREA. HEAVY TRACK ACTIVITY. BORDER CHECKPOINT AT 3626N/7734E. VEHICLE BRIDGE APPROX TWO HUNDRED FEET LONG AT KULANOLDI 3627N/7714E. NO OTHER ACTIVITY NOTED. ROAD OBSERVED FROM APPROX 3432N/7943E TO 3501N/7940E. INCOMPLETE INFO.

6. SAKYA GOMPA TO GARTOK ROAD 2855N/8810E TO 3110N/8050E. NATURAL SURFACED. SERVICEABLE. ONE TRUCK TRAVELING EAST AT APPROX 2932N/8435E. NO MILITARY FORCES, SUPPLIES OR OTHER ACTIVITY NOTED. OBSERVED FROM APPROX 2930N/8500E TO 3043N/8140E. INCOMPLETE INFO.

7. TAKLAKHAR TO RUDOG ROAD 3015N/8110E TO 3332N/7940E. NATURAL SURFACED ROAD OBSERVED FROM APPROX 3110N/8045E TO 3135N/8025E. NORTHERN TWO THIRDS OF OBSERVED SECTION REALIGNED, IMPROVED, AND SERVICEABLE. INCOMPLETE INFO.

C. COMPLEXES

1. GAR DZONG COMPLEX 3212N/4958E. NO REPORT.

2. GARTOK COMPLEX 3145N/8022E. NO REPORT.

3. JONGKHA DZONG COMPLEX 2900N/8515E. NO REPORT.

4. RUDOG COMPLEX 3332N/7940E. NO REPORT.

5. TASHIGONG COMPLEX 3232N/7941E. NO REPORT.

A. AIRFIELD - INDIA

1. ADAMPUR AFLD 3126N/7547E. NW/SE RNWY. SE END OF RNWY EXTENDED UNDETERMINED LENGTHS. ALSO TWO PROBABLE PARKING APRONS ADDED SINCE MAY 1953. AIRCRAFT - NONE OBSERVED. INCOMPLETE INFO.

2. AMRITSAR AFLD 3142N/7448E SSE/NNW RNWY. AIRCRAFT - NONE OBSERVED. INCOMPLETE INFO.

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3. LEH AFLD 3409N/7734E. SERVICEABLE NE/SW RNWY. ASPHALT SURFACED. SERVICEABLE. SIXTEEN HUNDRED FOOT EXTENSION U/C AT NE END. WHEN COMPLETED, EST DIMENSIONS 7100 X 140 FT. ONE SMALL HANGAR, HANGAR APRON, AND THREE HARDSTANDS. NO SUPPLY CONCENTRATIONS OBSERVED. AIRCRAFT - TWO PACKET, FOUR HOUND, ONE COMMANDO WITH RIGHT WING MISSING.

B. MILITARY INSTALLATIONS

1. LEH MILITARY INSTALLATION 3409N/7734E. FIVE MILITARY CAMPS OBSERVED AROUND LEH AFLD. TWENTY-EIGHT U SHAPED AND FIFTY-SEVEN LINEAR BARRACKS. SIXTY-SEVEN DALLAS HUTS, TWELVE QUONSET BLDGS, AND NUMEROUS SUPPLY BLDGS. APPROX THREE HUNDRED VEHICLES. OPEN STORAGE WITH POL DRUMS ADJOIN THE ONE CAMP S AND THE TWO W OF AFLD.

C. TRANSPORTATION

1. TASHIGONG TO LEH ROAD 3232N/7941E TO 3415N/7735E. NATURAL SURFACED. SERVICEABLE. PROB CHECKPOINT AT APPROX 3402N/7741E. NO VEHICLES, MILITARY FORCES, SUPPLIES OR OTHER ACTIVITY NOTED. OBSERVED FROM APPROX 3415N/7735E TO 3344N/7758E. INCOMPLETE INFO.

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NPIC/R-6/63
February 1963

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PREFACE

This Mission Coverage Index (MCI) furnishes a listing of items of intelligence interest covered by aerial photography from Mission 3201, dated 5 December 1962. Items in this listing are arranged by country and within the country by WAC area. Items are arranged within a WAC by coordinates reading from south to north and from west to east. An explanation of column headings and photo reference data used in presenting the information is contained in the appendix.

For convenience of the user, a subject index to the intelligence targets is included following the listing. Targets in the subject index are listed (1) by category, (2) alphabetically by country within the category, and (3) alphabetically by place name within each country.

The user of this MCI is cautioned that the scan of photography from Mission 3201 was accomplished in a relatively short time and often without the aid of precise analytical and mensural equipment commonly employed in detailed photographic analysis. Consequently, although this information is essentially accurate, future detailed analysis may somewhat alter portions of the information.

Mission 3201 covers part of the area of the India-China Border dispute. Some of the maps used in the readout of this area are of poor to fair reliability, resulting in some variations in names and locations. Among items of interest covered by this mission is a radar site located 6 nm NE of Thaladat Mapcho Tang (India). Numerous sections of natural-surface roads were observed, but no major military activity was noted on these routes. Principal airfields covered were the Leh Airfield, Halwara Airfield, and the Adampur Airfield, all in India.

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<p align="center">-INDIA-</p> <p>TASHIGONG-LEH ROAD NINETEEN MILE SECTION OF THIS NATURAL SURFACE ROAD OBSERVED BETWEEN LEH (34-15N 077-35E) AND KARU (33-53N 077-45E). A NATURAL SURFACE ROAD BRANCHES NORTHEAST AT KARU AND WAS OBSERVED FOR 7 MILES TO STAGAR (33-59N 077-50E).</p> <div style="border: 1px solid black; height: 20px; width: 400px; margin: 5px 0;"></div> <p>LEH AIRFIELD 2 NM SW OF LEH. APPROXIMATE 5,500 X 150 FT NE/SW ASPHALT RUNWAY IS SERVICEABLE, AND AN APPROXIMATE 1,500 FT EXTENSION IS UNDER CONSTRUCTION AT THE NE END. FACILITIES INCLUDE 3 HARDSTANDS, ONE SMALL HANGER WITH A PARKING APRON, AND A POL OPEN STORAGE AREA CONTAINING PROBABLE 50-GALLON DRUMS. FOUR MILITARY AREAS ARE LOCATED NEAR THE AIRFIELD. AIRCRAFT -- 2 PACKET, 4 HOUND, AND ONE COMMANDO WITH RIGHT WING MISSING.</p> <div style="border: 1px solid black; height: 20px; width: 400px; margin: 5px 0;"></div> <p>LEH AREA, MILITARY INSTALLATIONS 2.5 NM RADIUS AROUND LEH AIRFIELD. FOUR MILITARY INSTALLATIONS OBSERVED INCLUDING APPROXIMATELY 50 BARRACKS-TYPE BUILDINGS, TENTS, MOTOR POOLS, FORTS, A DOUBLE-FENCED STORAGE AREA, AND NUMEROUS VEHICLES. (REPORTED IN PAR 793/62, 10 DEC 62, AS LEH MILITARY INSTALLATION).</p> <div style="border: 1px solid black; height: 20px; width: 400px; margin: 5px 0;"></div>	3232N 07941E	0432		6-A
	3409N 07734E	25X1A		17
	3409N 07734E	0432		17-A

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
THALDAT MAPHO TANG AREA, POSS STORAGE AREA 10 NM ESE OF THALDAT MAPHO TANG. ONE POSSIBLE STORAGE BUILDING OBSERVED. AREA IS SERVED BY LOOPED ROAD. [REDACTED]	3516N 07935E	0432		18-A
THALDAT MAPHO TANG AREA, RADAR SITE 6 NM NE OF THALDAT MAPHO TANG. INSTALLATION CONTAINS A RADAR ANTENNA (POSSIBLY TYPE SCR-270) WITH A CONTROL VAN AND 4 OTHER PROBABLE CANVAS-COVERED, REVETTED VANS. HEAVY TRACK ACTIVITY NOTED IN AREA. [REDACTED]	3522N 07932E	0432		18
THALDAT MAPHO TANG AREA, ROAD NATURAL SURFACE ROAD BRANCHES FROM THE RUDOG- YARKAND ROAD AT APPROXIMATELY 35-23N 079-32E, NEAR THALDAT MAPHO TANG, AND EXTENDS WSW FOR APPROXIMATELY 10 NM TO LIMITS OF PHOTOGRAPHY. [REDACTED]	3523N 07932E	0432		18-B
HALWARA AIRFIELD 15 NM SW OF LUDHIANA. (REPORTED AS AMRITSAR AIRFIELD IN PAR 793/62, 10 DEC 62.) 8,400 X 150 FT SE/NW CONCRETE RUNWAY IS SERVICEABLE. AIRCRAFT -- NONE OBSERVED. [REDACTED]	3045N 07538E	25X1A		2
ADAMPUR AIRFIELD APPROXIMATELY 2 NM EAST OF ADAMPUR. OVER 8,000 FT SE/NW CONCRETE RUNWAY, OF UNDETERMINED WIDTH, IS SERVICEABLE. SE END OF RUNWAY HAS BEEN EXTENDED AND A NEW TAXIWAY ADDED AT THE END OF THE EXTENSION.	3126N 07545E			1

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<p>TWO PARKING APRONS HAVE BEEN ADDED SINCE MAY 53. AIRCRAFT -- NONE OBSERVED</p> <p>[]</p> <p>-TIBET-</p> <p>RUDOG-YARKAND ROAD ROAD OBSERVED FOR ABOUT 200 MILES FROM A POINT APPROXIMATELY 60 NM NORTH OF RUDOG AT 34-32N 079-43E, TO 36-28N 077-00E. ROAD IS SERVICEABLE AND HAS AN IMPROVED NATURAL SURFACE. THREE TRUCKS OBSERVED MOVING EAST AT APPROXIMATELY 35-25N 079-36E AND 3 VEHICLES MOVING EAST AT APPROXIMATELY 36-25N 077-30E. REST AND REFUELING POINT AT APPROXIMATELY 36-26N 077-34E CONSISTS OF SEVERAL BUILDINGS. APPROXIMATELY 12 VEHICLES OBSERVED AT THIS REFUELING POINT AND MUCH TRACK ACTIVITY NOTED. VEHICLE BRIDGE APPROXIMATELY 200 FEET LONG OBSERVED AT KULAN OLDI (36-27N 077-14E).</p> <p>[]</p> <p>AMTOGOR AREA, ROAD NATURAL SURFACE ROAD BRANCHES FROM THE RUDOG-YARKAND ROAD AT APPROXIMATELY 35-02N 079-40E, NEAR AMTOGOR, AND EXTENDS WEST FOR 15 NM TO AREA COVERED BY CLOUDS. NO VEHICLES OR MILITARY EQUIPMENT NOTED. (REPORTED IN PAR</p> <p>[]</p>	<p>3332N 07940E</p> <p>3502N 07940E</p>	<p>0432</p> <p>0432</p>	<p>5-B</p> <p>19</p>	

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
SAKYA GOMPA-GARTOK ROAD ROAD OBSERVED FROM 29-34N 084-48E TO APPROXIMATELY 29-37N 084-22E AND FROM APPROXIMATELY 29-45N 084-00E TO 30-23N 082-48E. ROAD APPEARS SERVICEABLE, IS ONE-LANE, AND HAS A NATURAL SURFACE. ONE BRIDGE, TYPE UNDETERMINED, OBSERVED AT 29-35N 084-45E. ALL OTHER STREAMS ARE FORDED. ONE VEHICLE OBSERVED AT 29-29N 084-36E.	2855N 08810E	0438		14
TRADUM SUPPLY DEPOT IDENTIFICATION ONLY.	2938N 08411E	0438		7
DONGBO AREA, MILITARY SUPPLY DEPOT 5 NM NW OF DONGBO. DEPOT INCLUDES 2 LARGE WAREHOUSES, 11 TENTS, 3 REVETTED STORAGE AREAS, SEVERAL LONG PERSONNEL TRENCHES, AND MISCELLANEOUS SUPPORT BUILDINGS AND DWELLINGS. TRACK ACTIVITY OBSERVED INTO DEPOT FROM SAKYA GOMPA-GARTOK ROAD, 3 NM TO NORTH. (REPORTED IN PAR 793/62, 10 DEC 62, AS MILITARY SUPPLY DEPOT AT 30-02N 083-23E).	2955N 08335E	0439		5
TAKLAKHAR-RUDOG ROAD NATURAL SURFACE TRACK OBSERVED BETWEEN APPROXIMATELY 31-10N 080-45E AND 31-35N 080-25E. NORTHERN PART OF SECTION OBSERVED APPEARS TO HAVE BEEN REALIGNED AND IMPROVED. NO VEHICLES OR MILITARY ACTIVITY OBSERVED.	3015N 08110E	0439		2

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
TRADUM AREA, MILITARY INSTALLATION 77 NM NW OF TRADUM. V-SHAPED TRENCH APPROXIMATELY 1,450 FT LONG ON THE NORTH BANK OF THE MATSANG RIVER. A SMALL BUILDING IS LOCATED WITHIN THE TRENCHED AREA. [REDACTED]	3019N 08253E	0439		7
PARYANG VILLAGE 55 NM NW OF TRADUM. THIS SMALL VILLAGE CONTAINS 9 BUILDINGS ENCLOSED BY A WALL AND ENCIRCLED BY A TRENCH SYSTEM. TWO ADDITIONAL TRENCH SYSTEMS ARE AT 30-05N 083-18E -- ONE IS APPROXIMATELY 600 FT LONG WITH SPURS 550 FT, 425 FT, AND 230 FT LONG -- THE OTHER IS A CIRCULAR TRENCH APPROXIMATELY 375 FT IN DIAMETER. [REDACTED]	3006N 08320E	0439		6
GARTOK-BARA HOTI ROAD SECTION OF GARTOK-BARA HOTI (30-50N 079-55E) ROAD OBSERVED BETWEEN 31-30N 080-25E AND 31-35N 080-20E. ROAD HAS A NATURAL SURFACE AND IS SERVICEABLE. [REDACTED]	3144N 08023E	0439		1-B

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APPENDIX
EXPLANATION OF COLUMN HEADINGS
AND PHOTO REFERENCES

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. The city and installation names are followed by a capsule description, where appropriate.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for the area in which the subject installation lies.

Installation Numbers--The Installation Numbers column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the target. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target numbered 0438-1 and an NPIC target numbered 0439-1. In each instance, the NPIC installation number is 1, but the installations appear on different WACs.

The photo reference indicates frame(s) on which the target appears, and conditions which affect interpretation of the target.

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